
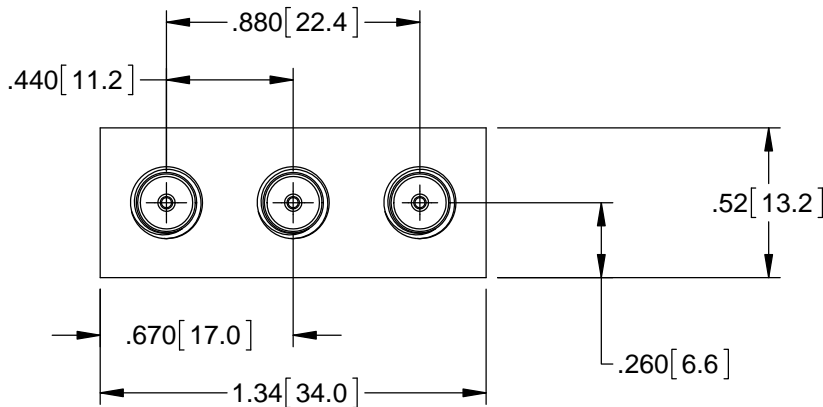
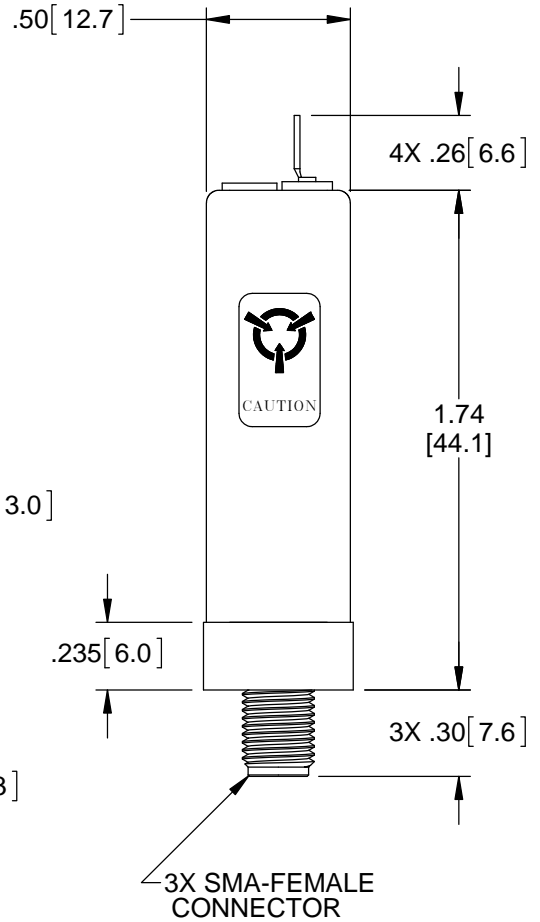
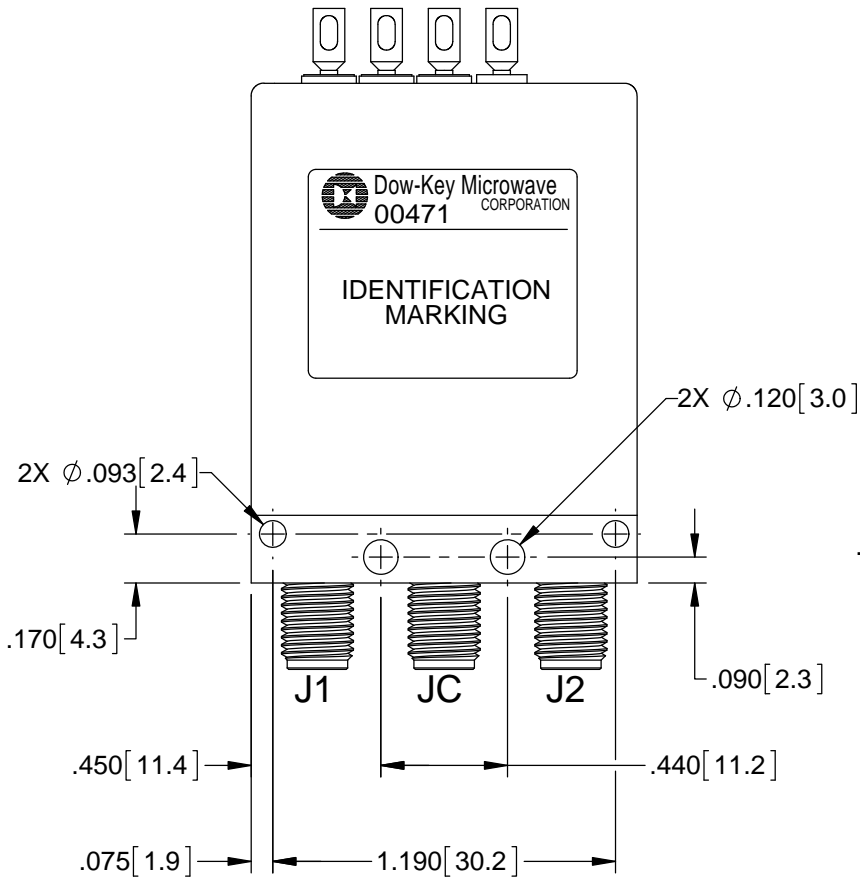
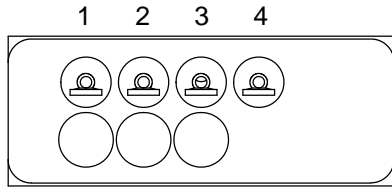


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE	10/04/06	A.L.
B	REVISED AND REDRAWN PER ECO 11488	6/21/16	K.R.

Nominal Coil Voltage	Part Number
12 Vdc	401T-4208
15 Vdc	401T-4908
24 Vdc	401T-4808
28 Vdc	401T-4308

REVISIONS	B	B	B				 DowKey[®] Microwave CORPORATION <small>A DOVER TECHNOLOGIES COMPANY</small>	4822 McGrath Street Ventura, CA. 93003-5641 PH: (805) 650-0260 FAX: (805) 650-1734
SHEET NO.	1	2	3					
APPROVALS			DATE			SWITCH, SPDT, LATCHING SELF CUT-OFF SMA-FEMALE CONNECTORS EPOXY SEAL, EXTENDED TEMP		
DRAWN SARA LEE			06/13/16					
ENGINEERING G. NICKLAUS			6/20/2016					
QUALITY S. LYNCH			6/20/2016					
MANUFACTURING R. GARCIA			6/20/2016					
CODE IDENT. NO.				DWG. NO.				
00471				401T-4X08				
SCALE		NONE		FINAL ASSY: 401T-4308		SHEET 1 OF 3		

OUTLINE DRAWING:



[] MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

.XXX \pm .010 ANGLES: \pm 3°
.XX \pm .030

CODE IDENT. NO.
00471

DWG. NO.
401T-4X08

REV.
B

SCALE NONE

FINAL ASSY: 401T-4308

SHEET 2 OF 3

SPECIFICATION:

1.0 RF CHARACTERISTICS:

1.1 FREQUENCY (GHz)	DC - 1	1 - 4	4 - 8	8 - 12	12 - 18
1.2 VSWR (RATIO MAX)	1.10:1	1.15:1	1.20:1	1.30:1	1.35:1
1.3 INSERTION LOSS (dB MAX)	0.10	0.15	0.20	0.30	0.35
1.4 ISOLATION (dB MIN)	85	80	70	65	60
1.5 RF POWER (WATTS CW MAX) AT SEA LEVEL, +25°C, LOAD VSWR 1:1	200	125	90	75	60
1.6 IMPEDANCE (NOMINAL)	50 OHMS				

2.0 ACTUATION DATA:

2.1	NOMINAL VOLTAGE	OPERATING VOLTAGE	CURRENT (NOMINAL) @ NOMINAL VOLTAGE & 25°C
	12	11-14	220mA
	15	13-17	110mA
	24	20-28	125mA
	28	24-32	110mA

2.2 SWITCHING TIME 15mS MAX
 2.3 OPERATING MODE LATCHING SELF CUT-OFF

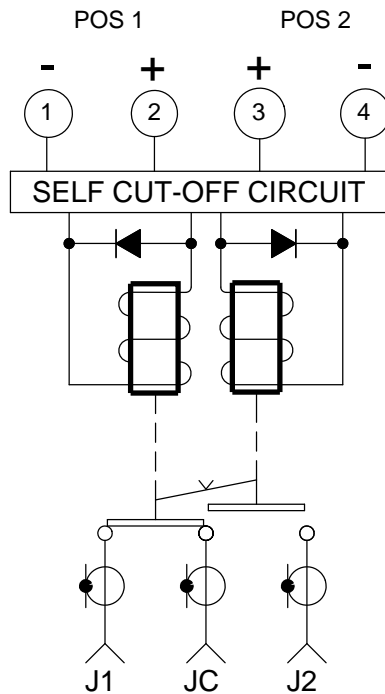
3.0 MECHANICAL:

3.1 CONTACT ARRANGEMENT SPDT
 3.2 RF CONTACTS BREAK BEFORE MAKE
 3.3 WEIGHT 1.4oz (40g) NOMINAL
 3.4 DESIGN LIFE 1,000,000 CYCLES MINIMUM

4.0 ENVIRONMENTAL:

4.1 OPERATING TEMPERATURE -55°C TO +85°C
 4.2 STORAGE TEMPERATURE -55°C TO +85°C
 4.3 SEAL: EPOXY SEALED

SCHEMATIC:



CODE IDENT. NO. 00471	DWG. NO. 401T-4X08	REV. B
SCALE NONE	FINAL ASSY: 401T-4308	SHEET 3 OF 3